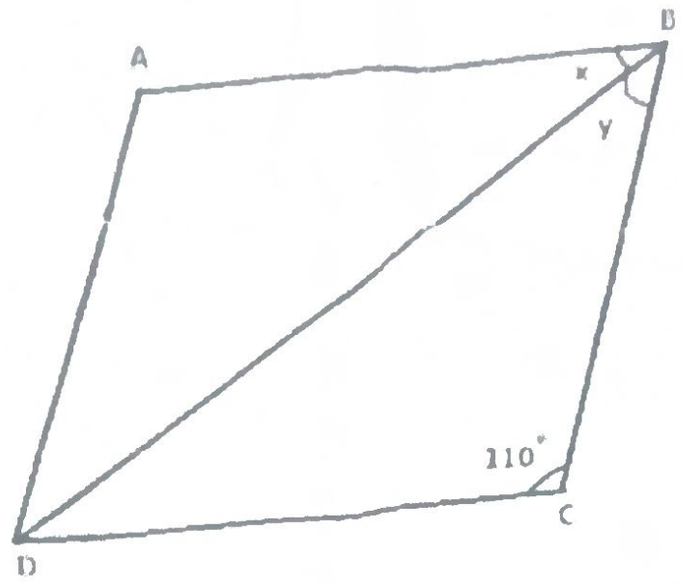
SECTION – A

Q1. In figure, ABCD is a rhombus in which $\angle BCD = 110°$, *then* $(x + y)$equals. **1**



(a) 40° (b) 80° (c) 50° (d) 70°

Q2. Three angles of a quadrilateral are 75°, 90° & 75°. The fourth angle is **1**

(a) 90° (b)95° (c)105° (d)120°

Q3. The length of each side of an equilateral triangle of area $4\sqrt{3}\ cm^2$ *is* **1**

(a) 4 cm (b) $\frac{4}{\sqrt{3}}$ cm (c) $\frac{\sqrt{3}}{4}$ cm (d) 3 cm

Q4. An isosceles right triangle has area of 8 cm^2. The length of its hypotenuse is **1**

(a) $4\sqrt{2}$ cm (b) 4 cm (c) $4\sqrt{3}$ cm (d) $2\sqrt{6}$ cm

Q5. If the radius of a sphere is halved then its surface area will become **1**

(a) Half (b) one – third (c) double (d) one – fourth

Q6. The diameter and height of a right circular cone are 7 cm and 12 cm respectively. The Volume of the cone (in cm^3) is **1**

(a) 88 (b) 112 (c) 154 (d) 616